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### **REMARKS**

This response is intended as a full and complete response to the Final Office Action mailed April 7, 2005. Please reconsider the claims pending in the application for reasons discussed below.

#### **I. REJECTIONS UNDER 35 U.S.C. §112, FIRST PARAGRAPH**

Claims 1-11, 14, 16-27, 30, 34-37, 39-59, 62, 64-76, 96-105 and 110-125 stand rejected under 35 U.S.C. §112, first paragraph. In response, Applicants have canceled claims 1-11, 14, 16, 17, 23-26, 34-37, 39-59, 62, 64-76, 99, 101 and 110-125 without prejudice. Further, Applicants have removed the phrases relating to one or more biochemical characteristics in amended claims 18, 96 and 105. Accordingly, Applicants respectfully request withdrawal of the rejection and allowance of these claims and claims 19-22, 27, 30, 97, 98, 100 and 102-104 dependent thereon.

#### **II. REJECTIONS UNDER 35 U.S.C. §101**

Claims 1-11, 14, 16-17, 34-37, 39-41, 44-59, 62, 64-76 and 110-125 stand rejected under 35 U.S.C. §101. In response, Applicants have canceled these claims without prejudice. Accordingly, Applicants respectfully request withdrawal of the rejection.

#### **III. REJECTIONS UNDER 35 U.S.C. §112, SECOND PARAGRAPH**

Claims 6, 23, 101 and 122 stand rejected under 35 U.S.C. §112, second paragraph. In response, Applicants have canceled these claims without prejudice. Accordingly, Applicants respectfully request withdrawal of the rejection.

#### **IV. REJECTIONS UNDER 35 U.S.C. §102(b)**

Claims 1-5, 7, 8, 10, 11, 14, 34-37, 51, 52, 54, 56, 57, 59 and 62 stand rejected under 35 U.S.C. §102(b) as being anticipated by Kohn (Molecular Biology of the Cell, 1999,

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Vol. 10, pages 2703-2734). In response, Applicants have canceled these claims without prejudice. Accordingly, Applicants respectfully request withdrawal of the rejection.

**V. REJECTIONS UNDER 35 USC §102(e)(1)**

Claims 1, 2, 7, 8, 11, 14, 16, 17, 34-37, 39, 40, 44-51, 56, 57, 62 and 64-76 stand rejected under 35 U.S.C. §102(e)(1) as being anticipated by Allen et al (Patent Application Pub. No. US 20020068269). In response, Applicants have canceled these claims without prejudice. Accordingly, Applicants respectfully request withdrawal of the rejection.

**VI. REJECTIONS UNDER 35 USC §102(e)(1) and (2)**

Claims 1, 2, 7, 8, 11, 14, 16, 17, 34-37, 39-40, 42-51, 56, 57, 62 and 64-76 stand rejected under 35 USC §102(e)(1) and (2) as being anticipated by Allen and Fant et al (U.S. Patent No. 5,805,461). In response, Applicants have canceled these claims without prejudice. Accordingly, Applicants respectfully request withdrawal of the rejection.

**VII. REJECTIONS UNDER 35 USC §103(a)**

Claims 18-20, 22, 24, 25, 27, 30, 96-98, 100, 102, 103 and 106-108 stand rejected under 35 USC §103(a) over Kohn and Allen. In response, Applicants respectfully traverse the rejection.

Claim 18 has been amended to include the limitations of claim 26, which depended from claim 18 and was not rejected over Kohn and/or Allen. Additionally, claim 96 has been amended to include the limitation of claim 99, which depended from claim 96 and was not rejected over Kohn and/or Allen. (It appears that claim 99 was inadvertently included by the Examiner in the listing of claims for the 103 rejection since this claim is not listed in the detailed discussion of the 103 rejection.) Further, claim 106 has been amended to include the limitations of claim 109, which depended from claim 106 and was indicated to be allowable. Thus, claims 18, 96 and 106 are patentable over Kohn and/or Allen along with claims 19-20, 22, 27, 30, 97, 98, 100, 102, 103 and 107 dependent thereon. Accordingly, Applicants respectfully request withdrawal of the rejection and allowance of the claims.

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**VIII. Allowable Subject Matter**

Claims 32, 33 and 109 are allowable. Applicants acknowledge allowance of these claims.

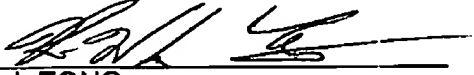
**IX. CONCLUSION**

Applicants submit that all claims now pending are in condition for allowance. Accordingly, both reconsideration of this application and its swift passage to issuance are earnestly solicited.

If, however, the Examiner believes that any unresolved issues still exist, it is requested that the Examiner telephone the undersigned at (732) 530-9404 so that appropriate arrangements can be made for resolving such issues as expeditiously as possible.

Respectfully submitted,

Date: 6/7/05

  
Kin-Wah TONG  
Reg. No. 39,400  
Attorney for Applicants  
Moser, Patterson & Sheridan, LLP  
595 Shrewsbury Avenue  
Suite 100  
Shrewsbury, NJ 07702

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